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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 514572002700

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	1 0 % SPAige 0 3								
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED								
PCT/CN2002/000877 10 December 2002 TITLE OF INVENTION METHOD AND APPARATUS FOR WASHING SO	16 August 2002								
TITLE OF INVENTION METHOD AND APPARATUS FOR WASHING SO WAVE AFTER HYBRIDIZATION REACTION	JUD SUBSTRATE WITH ULTRASOINIC								
APPLICANT(S) FOR DO/EO/US Gang LI et al.									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. x This is a FIRST submission of items concerning a submission under	35 U.S.C. 371.								
·2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.									
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. The US has been elected (Article 31).									
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))								
a. is attached hereto (required only if not communicated by the International Bureau).									
b. has been communicated by the International Bureau.	b. has been communicated by the International Bureau.								
c. is not required, as the application was filed in the United States R	eceiving Office (RO/US).								
6. x An English language translation of the International Application as file	d (35 U.S.C. 371 (c)(2)).								
a. x is attached hereto. (7 pages, plus 2 sheets of drawings)	a. x is attached hereto. (7 pages, plus 2 sheets of drawings)								
b. has been previously submitted under 35 U.S.C. 154(d)(4).									
7. Amendments to the claims of the International Application under PCT	Article 19 (35 U.S.C. 371 (c)(3))								
a. are attached hereto (required only if not communicated by the Inte	ernational Bureau).								
b. have been communicated by the International Bureau.									
c. have not been made; however, the time limit for making such ame	c. have not been made; however, the time limit for making such amendments has NOT expired.								
d. have not been made and will not be made.									
8. An English language translation of the amendments to the claims under	PCT Article 19 (35 U.S.C. 371 (c)(3)).								
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).	•								
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).									
Items 11 to 20 below concern document(s) or information included:									
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.									
12. An assignment document for recording. A separate cover sheet in compliance	ance with 37 CFR 3.28 and 3.31 is included.								
13. A preliminary amendment.									
14. x An Application Data Sheet under 37 CFR 1.76. (3 pages)									
15. A substitute specification.									
16. A power of attorney and/or change of address letter.									
17. A computer-readable form of the sequence listing in accordance with PC	CT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 - 1.825.								
18. A second copy of the published International Application under 35 U.S.	s.C. 154(d)(4).								
19. A second copy of the English language translation of the international	application under 35 U.S.C. 154(d)(4).								
20. x Other items or information: A copy of the published application, including Search Report for PCT/CN2002/000877 – WO 2004/016808 (14 pages); and Return Receipt Postcard									

PTO-1390 (Rev. 12-2004)

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X   D   Basic national fee   \$200.00   \$ 200.00   \$ 200.00   X   D   Examination fee   \$200.00   \$ 200.00	U.S. APPLICATION (SD.	(ithings) 7 ce Ne Dasighed	no. 0877	ATTORNEY'S DOCKET NUMBER 514572002700						
X   b) Examination fee   \$200.00	21. The following	ng fees are su	bmitted:							
TOTAL OF ABOVE CALCULATIONS = \$900.00 \$ 900.00 \$	x a) Basic national fee\$300.00						\$ 300.00	0		
TOTAL OF ABOVE CALCULATIONS = \$900.00 S 900.00  Additional fee for specification and drawings field in paper over 100 sheets (excluding sequence listing or computer program listing field in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra sheets Number of each additional 50 or fraction thereof (round up to a whole number x \$250.00  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE  Total claims 6-20   x   50.00    Total claims 6-20   x   50.00    MULTIPLE DEPENDENT CLAIM(s) (if applicable) + \$   50.00    Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above   50.00    Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above   50.00    Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). + \$   50.00    TOTAL NATIONAL FEE   \$ 450.00    **TOTAL FEES ENCLOSED   \$ 450.00    **Amount to be charged to a credit card. WARNING: Information on this form may be come public. Credit card information should not be included on this form. Provide credit card information should not be included on this form. Provide credit card information should not be included on this form. Provide credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.49 fashs and been met, a petition to review (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.  SEND ALL CORRESPONDENCE TO: Peng Chen MORRISON & FOERSTER LLP Set 1.495 has not been met, a petition to review (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the Inte	x b) Examination fee\$200.00				\$ 200.00	)				
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets	x c) Search fee\$400.00				\$ 400.00	o				
Sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets	TOTAL OF ABOVE CALCULATIONS = \$900.00				\$ 900.00					
Total calmes small entity status. See 37 CFR 1.27. The fees indicated above sare reduced by ½.    Surcharge of \$130.00 for furnishing the calt or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).    CLAIMS   NUMBER FILED   NUMBER EXTRA   RATE	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is									
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Total claims 6 - 20 =						ths	\$			
Independent claims   2 - 3 =	CLAIMS	NUMBER I	ILED	NUMBER EXTRA	R	ATE				
TOTAL OF ABOVE CALCULATIONS = \$ 900.00    X   Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.    SUBTOTAL = \$ 450.00   SUBTOTAL = \$ 450.00   SUBTOTAL = \$ 450.00   Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).	Total claims	6 -	20 =		x		\$ 0.00	)		
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MORRISON & FOERSTER LLP  3811 Valley Centre Drive, Suite 500 San Diego, California 92130  (250) 700 51410	SEND ALL CORRE	ESPONDENCE	TO:				1	_		
3811 Valley Centre Drive, Suite 500 San Diego, California 92130	Peng Chen	<b>9</b> - · · · ·								
San Diego, California 92130										
(050) 700 5440										
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CUSTOMER NUMBER: 25225 REGISTRATION NUMBER										
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 961005536 US; in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.										
Dated: February 16, 2005 Signature: (Diane Blevins)										

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